Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 08 Jan 2021 until 23:59 on Saturday 09 Jan 2021

Forecast Issued on Friday 08 Jan 2021 at 01:13

Confidence: Some uncertainty on snow accumulations through today, but high for less cold conditions arriving by the end of the weekend.

Headline for Friday 08 Jan 2021: Cloudy with outbreaks of snow throughout most of today. Significant chill effect..

Mountain weather hazards on Friday 08 Jan 2021

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light snow	Light snow	Light snow	Cloudy	Partly cloudy (night)
Precipitation probability					
60%	70%	60%	60%	30%	20%

Forecast for Friday 08 Jan 2021

Weather: Widespread low cloud will affect the Peak District for much of today, with outbreaks of snow, these persistent at times, and also possibly heavy this morning. Accumulations of snow are likely at all levels. Becoming dry late afternoon or early evening, with the cloud mostly clearing south by midnight. A widespread frost will quickly develop, leading to icy stretches.

Chance of cloud free mountain/hill tops above 600m: Mainly 10%, but improving generally 90% this evening as most of the cloud clears away southwards.

Visibility: Generally poor at height with cloud bases 200-300m this morning, and as low as 100-200m initially. Whiteout conditions are likely at times with the combination of low cloud, lying snow and falling snow. Then improving very good this evening from the north.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 08 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/22 NE	20/26 NE	21/28 NE	23/29 NE	19/24 NE	13/21 NE	10/16 NE
300	9/13 N	11/17 N	13/20 NE	13/19 NE	12/19 NE	10/18 NE	6/14 NE
Valley	8/20 N	10/23 N	10/24 NE	9/22 NE	10/23 NE	9/22 NE	5/14 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	-2/-9	-2/-9	-2/-9	-2/-9	-3/-9	-3/-8
300	0/-4	0/-5	0/-5	0/-5	0/-5	-1/-5	-1/-4
Valley	0/-4	1/-4	1/-3	1/-3	1/-4	0/-4	-1/-4
Freezing Level*	300m	300m	300m	300m	300m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold, particularly over the highest peaks and ridges where the wind will reach gusts of 34-40 mph. Lying snow will causing slippery conditions, and may drift to significant depths.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 08 Jan 2021	0.2mm	1.8mm	2.2mm

Forecast for Saturday 09 Jan 2021

Weather: Dry with clear skies throughout much of the day, but with cloud arriving through the evening, and areas of low cloud developing across western areas by midnight, with perhaps some patchy light rain and drizzle.

Maximum wind: Westerly 15 gust 20-25mph late evening.

Chance of cloud free mountain/hill tops above 600m: 90%, but decreasing 40% across western areas in the evening.

Visibility: Very good or excellent, decreasing poor with the low cloud across western areas late evening.

Temperature: **Valleys:** Minus 2 rising to plus 2 Celsius
At 600m: Minus 3 Celsius
Freezing level: Surface rising to 300m

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